

AMENDMENTS TO THE CLAIMS

Please AMEND claims 22, 25, 26, 28, 29, 32, 33, 35, 36, 39, 40 and 42, and
ADD claims 43-49 in accordance with the following:

1-21. (Cancelled)

22. (Currently Amended) A method of recording data on a recording medium,
comprising:

recording a control information on a specific area of the recording medium, the control
information including a playback speed information and a maximum transfer rate information
specifying a maximum transfer rate needed by an application, wherein the maximum transfer rate
information is represented by a bit rate, the playback speed information is distinguished from the
maximum transfer rate information, ~~and~~ a playback speed of the playback speed information is
for suitably reproducing a main data, and the playback speed information is represented by one
byte information and is represented by a multiplication of a basic speed, not by a bit rate; and

recording the main data in a main data area.

23. (Previously Presented) The method of claim 22, wherein the specific area is a lead-
in area, the playback speed information and the maximum transfer rate information are recorded
within a control information table allocated in the lead-in area on the recording medium.

24. (Previously Presented) The method of claim 23, wherein the control information
table further includes a recording medium size and version information specifying a medium size
and version number of the recording medium respectively, a medium structure information

specifying a number of recorded layers and a type of the recorded layers, and a recording density information associated with recording density of the recording medium.

25. (Currently Amended) The method of claim 22, wherein the playback speed information represents 1.2 or 1.5 times of a-the basic speed.

26. (Currently Amended) The method of claim 22, wherein the playback speed information is determined such that the main data on the recording medium is reproduced at 1.2 or 1.5 times of a-the basic speed.

27. (Previously Presented) The method of claim 22, wherein the playback speed information is determined such that the main data on the recording medium is reproduced at a transfer rate of 36Mbps, 40Mbps or faster.

28. (Currently Amended) The method of claim 22, wherein the playback speed information is ~~recorded as a ratio related~~ determined by referring to a transfer rate of the main data.

29. (Currently Amended) A recording medium comprising a plurality of areas, including a lead-in area, and having a data structure, wherein the data structure includes a main data and a control data, the control data is recorded in a specific area of the recording medium, and includes a playback speed information and a maximum transfer rate information specifying a maximum transfer rate needed by an application, the maximum transfer rate information is represented by a bit rate, the playback speed information is distinguished from the maximum transfer rate information, ~~and~~ a playback speed of the playback speed information is for suitably

reproducing a main data, and the playback speed information is represented by one byte information and is represented by a multiplication of a basic speed, not by a bit rate.

30. (Previously Presented) The recording medium of claim 29, wherein the specific area is the lead-in area, the playback speed information and the maximum transfer rate information are recorded within a control information table allocated in the lead-in area on the recording medium.

31. (Previously Presented) The recording medium of claim 30, wherein the control information table further includes a recording medium size and version information specifying a medium size and version number of the recording medium respectively, a medium structure information specifying a number of recorded layers and a type of the recorded layers, and a recording density information associated with recording density of the recording medium.

32. (Currently Amended) The recording medium of claim 29, wherein the playback speed information represents 1.2 or 1.5 times of ~~a~~the basic speed.

33. (Currently Amended) The recording medium of claim 29, wherein the playback speed information is recorded such that the main data on the recording medium is reproduced at 1.2 or 1.5 times of ~~a~~the basic speed.

34. (Previously Presented) The recording medium of claim 29, wherein the playback speed information is recorded such that the main data on the recording medium is reproduced at a transfer rate of 36Mbps, 40Mbps or faster.

35. (Currently Amended) The recording medium of claim 29, wherein the playback speed information is ~~recorded as a ratio related~~ determined by referring to a transfer rate of the main data.

36. (Currently Amended) A method of reproducing data from a recording medium, the comprising:

reading a control information from a specific area of the recording medium, the control information including a playback speed information and a maximum transfer rate information specifying a maximum transfer rate needed by an application, wherein the maximum transfer rate information is represented by a bit rate, the playback speed information is distinguished from the maximum transfer rate information, ~~and a playback speed of the playback speed information is for suitably reproducing a main data, and the playback speed information is represented by one byte information and is represented by a multiplication of a basic speed, not by a bit rate;~~ and

reproducing the main data recorded in a main data area in response to the playback speed information and/or the maximum transfer rate information.

37. (Previously Presented) The method of claim 36, wherein the specific area is a lead-in area, the playback speed information and the maximum transfer rate information are recorded within a control information table allocated in the lead-in area on the recording medium.

38. (Previously Presented) The method of claim 37, wherein the control information table includes a recording medium size and version information specifying a medium size and version number of the recording medium respectively, a medium structure information specifying a number of recorded layers and a type of the recorded layers, and a recording density information associated with recording density of the recording medium.

39. (Currently Amended) The method of claim 36, wherein the reproducing step reproduces the main data in response to the playback speed information representing 1.2 or 1.5 times of ~~a~~the basic speed.

40. (Currently Amended) The method of claim 36, wherein the reproducing step reproduces the main data in response to the playback speed information determined such that the main data is reproduced at 1.2 or 1.5 times of ~~a~~the basic speed.

41. (Previously Presented) The method of claim 36, wherein the reproducing step reproduces the main data in response to the playback speed information determined such that the main data is reproduced at a transfer rate of 36Mbps, 40Mbps or faster.

42. (Currently Amended) The method of claim 36, wherein the reproducing step reproduces the main data in response to the playback speed information ~~recorded as a ratio related~~determined by referring to a transfer rate of the main data.

43. (New) An apparatus for reproducing data from a recording medium, the apparatus comprising:

a reader which reads a control information from a specific area of the recording medium, the control information including a playback speed information and a maximum transfer rate information specifying a maximum transfer rate needed by an application, wherein the maximum transfer rate information is represented by a bit rate, the playback speed information is distinguished from the maximum transfer rate information, a playback speed of the playback speed information is for suitably reproducing a main data, and the playback speed information is

represented by one byte information and is represented by a multiplication of a basic speed, not by a bit rate; and

a playback system which reproduces the main data recorded in a main data area in response to the playback speed information and/or the maximum transfer rate information.

44. (New) The apparatus of claim 43, wherein the specific area is lead-in area, the playback speed information and the maximum transfer rate information are recorded within a control information table allocated in the lead-in area on the recording medium, and

the reader further reads the control information from the specific area according to a control of the playback system.

45. (New) The apparatus of claim 44, wherein the control information table includes a recording medium size and version information specifying the medium size and version number respectively, a medium structure information specifying a number of recorded layers and a type of the recorded layers, and a recording density information associated with recording density of the recording medium.

46. (New) The apparatus of claim 43, wherein the playback system reproduces the main data in response to the playback speed information representing 1.2 or 1.5 times of the basic speed.

47. (New) The apparatus of claim 43, wherein the playback system reproduces the main data in response to the playback speed information determined such that the main data is reproduced at 1.2 or 1.5 times of the basic speed.

48. (New) The apparatus of claim 43, wherein the playback system reproduces the main data in response to the playback speed information determined such that the main data is reproduced at a transfer rate of 36Mbps, 40Mbps or faster.

49. (New) The apparatus of claim 43, wherein the playback system reproduces the main data in response to the playback speed information determined by referring to transfer rate of the main data.